

ABSTRACT

A computer device capable of playing DVD films without the need of running an operating system is disclosed. The computer device comprises a computer keyboard unit comprising a keyboard controller, a low-voltage differential signal (LVDS) transmitter, wherein the LVDS transmitter has an output end connected to a liquid crystal display (LCD) monitor; a DVD-ROM for reading and outputting audio/video DVD data; a DVD format and image decoder connected to the DVD-ROM through a multiplexer; and a DVD control switch disposed on the computer keyboard unit and connected to the power switching module, wherein the power switching module functions as a controller when the DVD control switch is activated to turn on the work power of the keyboard controller, the DVD-ROM, the DVD format and image decoder, the multiplexer, the image processor, the LVDS transmitter, the LCD monitor, the audio amplifier, and the speaker.